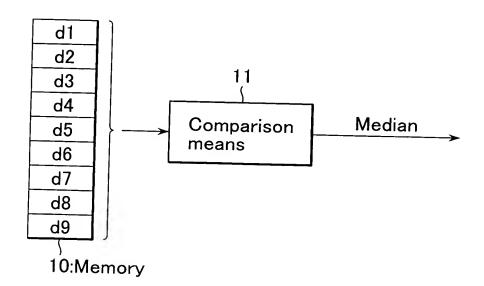
FIG.1 (Prior Art)



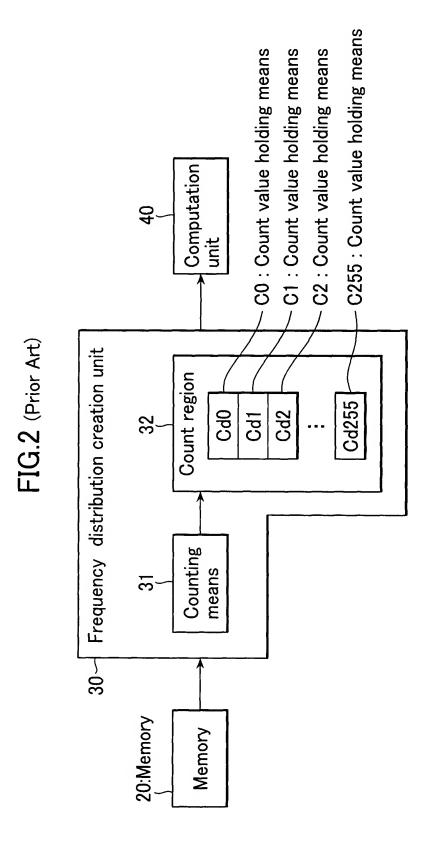
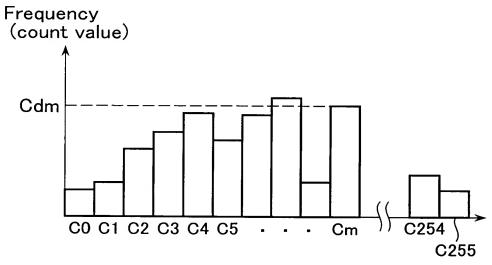


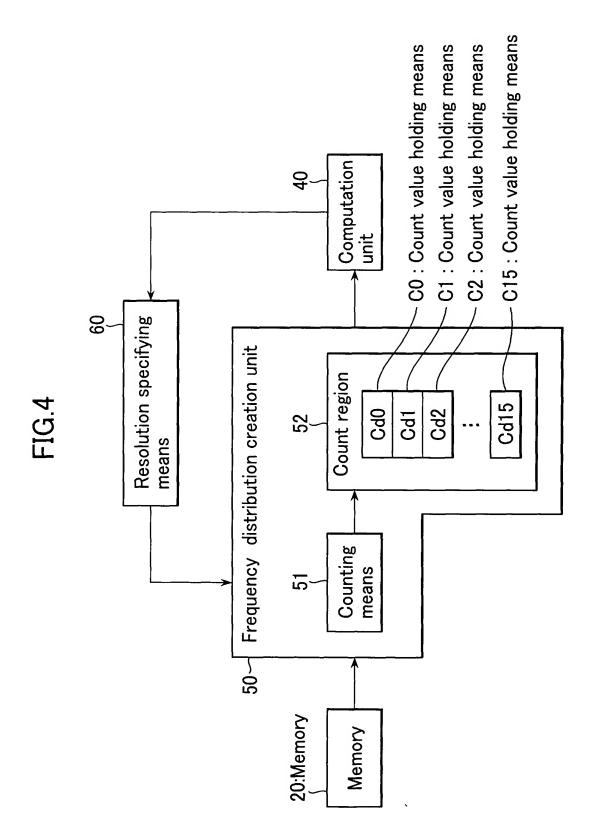
FIG.3 (Prior Art)



Count value holding means

The median is the numerical value data corresponding to the count value holding means Cm, where (N+1) \leq Cd0 or Cd0 + Cd1 + ... + Cd(m-1) < (N+1) \leq Cd0 + Cd1 + ... + Cd(m-1) + Cdm.

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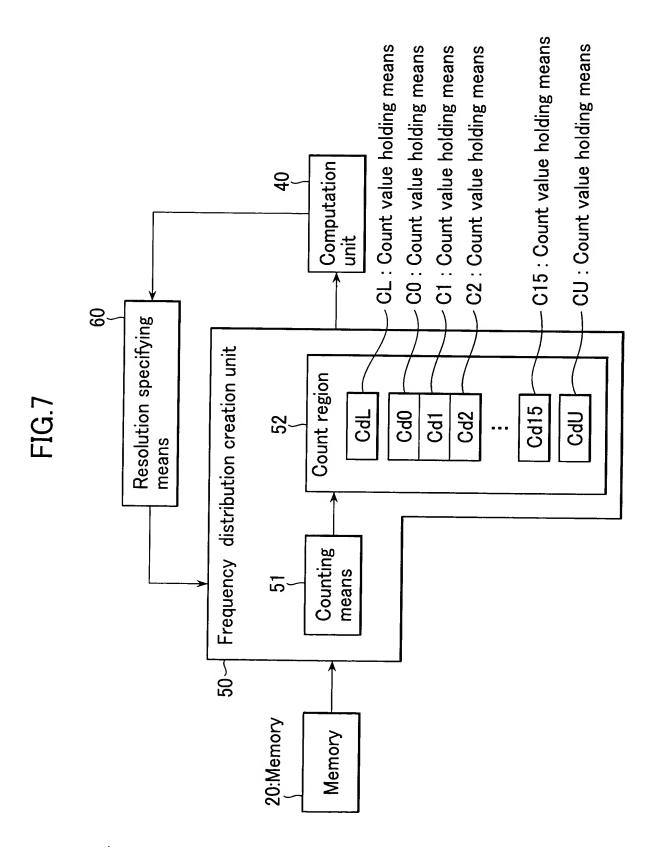
ge :xists		5/	13				
istribution with ght bits for rang where median e	Count value holding means	00	C1	C2	c3	 C14	C15
Create frequency distribution with resolution of first eight bits for range of numerical values where median exists	Numerical value Count value range (HEX) holding mear	2000~20FF	2100~21FF	2200~22FF	2300~23FF	 2E00~2EFF	2F00~2FFF
£,			acitically sound of other	with higher resolution for range of numerical values	where median exists		
distribution w	Count value holding means	CO	C1	C2	C3	 C14	C15
Create frequency distribution with resolution of first four bits	Numerical value Count value range (HEX) holding mear	0000~0FFF	1000~1FFF	2000~2FFF	3000~3FFF	 E000~EFFF	F000~FFFF

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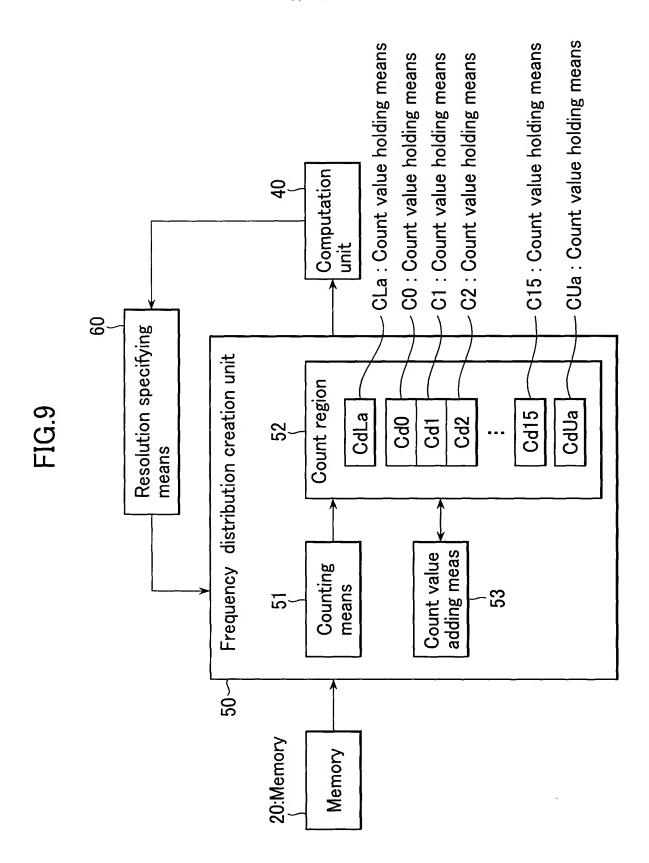
	Create frequency distribution (read and count)	Cumulative value computation	Total
Device shown in FIG.2	1001 times × 2	65,535 times	67,537 times
Device shown in FIG.4	(1001 times × 2) × 4	15 times × 4 times	8068 times

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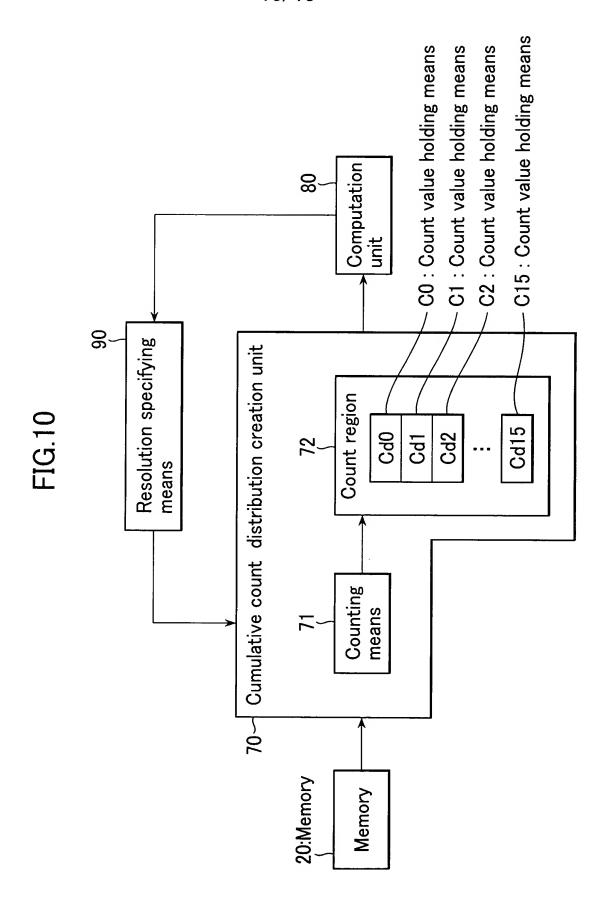


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sts										
ibution with bits for range ere median exis	Count value holding means	CL	CO	C1	C2	C3	•••	C14	C15	CU
Create frequency distribution with resolution of first eight bits for range of numerical values where median exists	Numerical value Count value range (HEX) holding mean	0000~1FFF	2000~20FF	2100~21FF	2200~22FF	2300~23FF		2E00~2EFF	2F00~2FFF	3000~FFFF
				Create frequency distribution	with higher resolution for range of numerical values	where median exists				
/ distribution with t four bits	Count value holding means	OF	00	10	C2	ငဒ		C14	C15	CU
Greate frequency distribution resolution of first four bits	Numerical value range (HEX)	None	0000~0FFF	1000~1FFF	2000~2FFF	3000~3FFF	•••	E000~EFFF	F000~FFFF	None



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with s of s			1	1/1	3								
ount distribution ht bits for range re median exist	Count value holding means	00	C1	C2	C3	C4	CS	90	C7	80		C14	C15
Create cumulative count distribution with resolution of first eight bits for range of numerical values where median exists	Numerical value Count value range (HEX) holding mean	0000~70FF	0000~71FF	0000~72FF	0000~73FF	0000~74FF	0000~75FF	0000~76FF	0000~77FF	0000~78FF		0000~7EFF	0000~7FFF
								Create frequency distribution with higher resolution for	range of numerical values	where median exists			
count distributi irst four bits	Count value holding means	00	C1	C2	C3	C4	C5	90	C7	80	•••	C14	C15
Create cumulative count distribution with resolution of first four bits	Numerical value range (HEX)	0000~0FFF	0000~1FFF	0000~2FFF	0000~3FFF	0000~4FFF	0000~5FFF	0000~6FFF	0000~7FFF	0000~8FFF	•••	0000~EFFF	0000~FFFF

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FIG.12

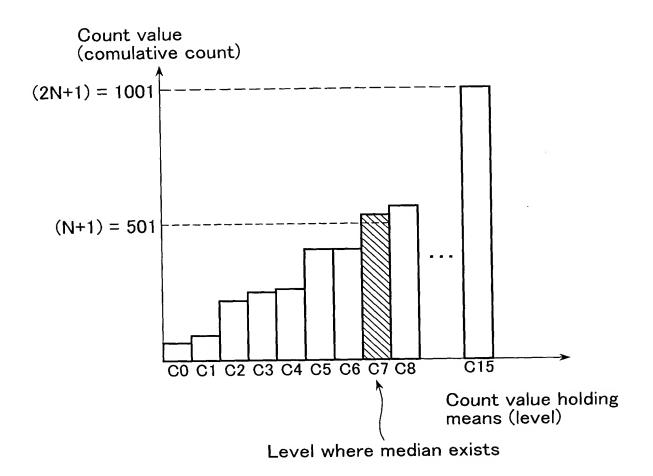


FIG. 13

ists		13,	/13					
tribution with ht bits for range <i>I</i> here median ex	Count value holding means	00	C1	C2	C3		C14	C15
Create frequency distribution with resolution of first eight bits for range of numerical values where median exists	Numerical value Count value range (HEX) holding mear	0000~20FF	2100~21FF	2200~22FF	2300~23FF		2E00~2EFF	2F00~FFFF
			Cross from the second of the second	with higher resolution for range of numerical values	where median exists			
/ distribution w t four bits	Count value holding means	00	C1	C2	C3		C14	C15
Create frequency distribution with resolution of first four bits	Numerical value Count value range (HEX) holding mean	0000~0FFF	1000~1FFF	2000~2FFF	3000~3FFF	•••	E000~EFFF	F000~FFFF